

Outreach activity on

# “Green Alchemy: Transforming Seeds into Life”

Organized by the

Department of Chemistry and Biochemistry, MSRCASC



Sampige Foundation, Bengaluru

## Convenors:

**Dr. Suveditha S.**

Asst. Professor of Biochemistry

**Ms. Tanisha Rathore**

Asst. Professor of Biochemistry

**Dr. Surendra A.S.**

HOD of Chem/Bc

## Student Coordinator:

**Ms. Sireesha N.**

M.Sc. Biochemistry



August 13<sup>th</sup>, 2024



Gate No. 09 space



10:30 AM



## **Report on outreach activity**

### **Title: “Green Alchemy: Transforming Seeds into Life”**

**Date:** August 13, 2024

**Name of the resource person:** Kiran Yadav, Founder of Sampige Foundation

**No. of participants:** 74

**Venue:** Gate No 9 Space

**Organized by:** Department of Chemistry and Biochemistry, Rasayanika Chemical Society of MSRCASC, in collaboration with Sampige Foundation

**Convenors:** Dr. Suveditha S., Ms. Tanisha Rathore

**HOD:** Dr. Surendra A.S., Department of Chemistry and Biochemistry

**Student Coordinator:** Ms. Sireesha N.

#### **Sampige Foundation Overview**

Founded by Kiran Yadav and Vignesh M. on March 18, 2023, the Sampige Foundation embodies the vision of creating a broad societal impact. Kiran Yadav, a former President of the Rotaract Club of Bangalore Northwest, was inspired by his Rotary International leadership experience to establish this foundation. Named after the Champak flower, which symbolizes auspiciousness and vibrancy, the foundation aims to be a beacon for nature conservation, community upliftment, and spreading kindness. The Sampige Foundation aspires to embody the essence of the Champak flower in its mission and activities.

#### **Course Objectives:**

- Equip students with the knowledge and skills to create seed balls, fostering an understanding of the importance of biodiversity and reforestation in combating environmental challenges.
- Enhancing a sense of collective responsibility towards local and global ecological health.
- Provide a hands-on, experiential learning opportunity that teaches students about the role of native species in ecosystems, and the impact of human activities on the environment.

**Course Outcomes:**

- Students will be able to create seed balls independently.
- Students will gain a deeper appreciation for biodiversity and sustainability.
- Students will contribute to local reforestation and habitat restoration efforts.

**Introduction:**

The “Green Alchemy: Transforming Seeds into Life” outreach activity, organized by the Department of Chemistry and Biochemistry of MSRCASC in collaboration with the Sampige Foundation, aimed to educate participants about the journey of seeds from germination to full growth. The session focused on the scientific processes involved in seed transformation. The event concluded with engaging hands-on activities at Gate No 9 Space, where participants actively experienced and learned about seed growth. This event was designed to foster a deeper understanding of nature’s processes and encourage sustainable practices.

**Program schedule and session:****1. Inauguration and Introduction of Guests:**

- The event commenced with Vaishnavi N., a 2<sup>nd</sup> year M.Sc. Biochemistry student by extending a warm welcome to the attendees. She emphasized the honor of hosting the outreach activity including providing background information on each guest and their contributions to the field of environmental science and sustainability.
- The esteemed Chief Guests, Ms. Nisha Yogeeshwara, and Mr. Kiran Yadav were welcomed with a token of gratitude and respect by the HOD, who presented them with a sapling.

**2. Guest speaker addresses on activity:**

- Ms. Nisha Yogeeshwara discussed the objectives of the program, detailing how the activities planned for the day will enhance participants' understanding of seed growth and sustainability.
- Mr. Kiran Yadav explained about the Sampige Foundation’s mission and vision, with a focus on the foundation’s efforts in environmental conservation. He also demonstrated how to make seed balls, explaining their benefits and applications in promoting plant growth and sustainability.

3. Hands-On Activities:

- Participants engaged in making seed balls, guided by Mr. Kiran Yadav, learning about their preparation and usage.
- Provided knowledge about planting seeds and understanding the conditions needed for their growth.
- An opportunity for participants to ask questions, discuss their experiences, and get further insights from the speakers and experts.

4. Participants feedback:

- The participants found the event educational and inspiring, with a strong impact on their understanding and enthusiasm for environmental care.

The “Green Alchemy: Transforming Seeds into Life” event achieved its goals by teaching participants about how seeds grow and the importance of sustainability. The talks by Ms. Nisha Yogeeshwara, and Mr. Kiran Yadav provided valuable insights, while the hands-on activities, including the seed ball workshop, allowed everyone to get involved and learn practically. The positive feedback and enthusiastic participation showed that the event effectively raised awareness and inspired action towards environmental care. Overall, the program successfully encouraged people to embrace eco-friendly practices and understand the vital role of seeds in nature.

**Faculty Co-ordinators:**

1. Dr. Suveditha S.
2. Ms. Tanisha Rathore

**HOD**

Dr. Surendra A.S.  
  
Department of Chemistry  
and Biochemistry

**Principal**



## Snapshots of the activity

